

FILE ID**SATSSF15

C 14

(1)	52	DECLARATIONS
(1)	186	SATSSF15
(1)	273	SFDCH20
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0000 1 .TITLE SATSSF15.- SATS SYSTEM SERVICE TESTS (FAILING S.C.)
0000 2 .IDENT 'V04-000'
0000 3 ;
0000 4 ;
0000 5 :*****
0000 6 :
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0000 24 :*
0000 25 :*
0000 26 :*****
0000 27 :
0000 28 :
0000 29 :++
0000 30 :FACILITY: SATS SYSTEM SERVICE TESTS
0000 31 :
0000 32 :ABSTRACT: THE SATSSF15 MODULE TESTS THE EXECUTION OF CERTAIN
0000 33 :VMS SYSTEM SERVICES, INVOKED IN SUCH A WAY AS TO EXPECT FAILING
0000 34 :STATUS CODES. THE SYSTEM SERVICES TESTED AND THE STATUS CODES
0000 35 :EXPECTED ARE SUMMARIZED AS ARGUMENTS TO THE TESTSERV MACROS
0000 36 :WHICH APPEAR NEAR THE END OF THIS LISTING. SUCCESSFUL STATUS
0000 37 :CODES ARE TESTED IN OTHER MODULES.
0000 38 :
0000 39 :
0000 40 :ENVIRONMENT: USER MODE IMAGE; NEEDS CMKRNL PRIVILEGE,
0000 41 : DYNAMICALLY ACQUIRES OTHER PRIVILEGES, AS NEEDED.
0000 42 :
0000 43 :AUTHOR: THOMAS L. CAFARELLA, CREATION DATE: MMM, 1978
0000 44 : PAUL D. FAY (DISPSERV & TESTSERV MACROS)
0000 45 :
0000 46 :MODIFIED BY:
0000 47 :
0000 48 : : VERSION
0000 49 : 01 -
0000 50 :--

```
0000 52 .SBTTL DECLARATIONS
0000 53 : INCLUDE FILES:
0000 54 :
0000 55 :
0000 56 $PHDDEF : PROCESS HEADER OFFSET SYMBOLS
0000 57 $PCBDEF : PROCESS CONTROL BLOCK OFFSET SYMBS
0000 58 $STSDEF : STATUS MESSAGE SYMBOLS
0000 59 $PRVDEF : SYMBOL DEFS FOR PRIVILEGES
0000 60 $UETPDEF : UETP MSG CODE DEFINITIONS
0000 61 $SHR_MESSAGES UETP,116,<<TEXT,INFO>>
0000 62 : DEFINE UETPS TEXT
0000 63 : GET RID OF MACRO DEFINITIONS
0000 64 $PSLDEF : ACCESS MODE SYMBOLS
0000 65 :
0000 66 : MACROS:
0000 67 :
0000 68 :
0000 69 : EQUATED SYMBOLS:
0000 70 :
00000000 0000 71 WARNING = 0 : WARNING SEVERITY VALUE FOR MSGS
00000001 0000 72 SUCCESS = 1 : SUCCESS SEVERITY VALUE FOR MSGS
00000002 0000 73 ERROR = 2 : ERROR SEVERITY VALUE FOR MSGS
00000003 0000 74 INFO = 3 : INFORMATIONAL SEV VALUE FOR MSGS
00000004 0000 75 SEVERE = 4 : SEVERE (FATAL) SEV VALUE FOR MSGS
00000000 0000 76 TCG_NO = 0 : INITIALIZE TEST CASE GROUP NUMBER
00000000 0000 77 GRP_TOTAL = 0 : INITIALIZE TEST CASE GROUP TOTAL
00007FFF 0000 78 R0_THRU_SP = ^M<R0,R1,R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP,SP>
00000001 0000 79 PRVHND_DCH20 = 1 : PRVHND ARG FOR DCLCMH (LOCATION 1)
0000 80 :
0000 81 : OWN STORAGE:
0000 82 ;
```

00000000	84	PSECT RODATA,RD,NOWRT,NOEXE, LONG	
BFFC 0000	85	REG_COMP_MASK: .WORD ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP> ! ^X8000 -	: REG COMPARE MASK (HIGH-ORDER ...
0002	86		: BIT MUST BE ON
0002	87		
0002	88	ERR_MSG_FAOCTL: STRING I,<!-/!AC!1ZB!1ZB:>	: REGISTER !2UW CONTENTS ALTERED, -
0002	89	<: BEFORE SERVICE CALL: !8XL AFTER SERVICE CALL: !8XL>	
006E	90	TEST_MOD_NAME: STRING C,<SATSSF15>	: TEST MODULE NAME
0077	91	TEST_MOD_BEG: STRING C,<begun>	: DISPOSITION FIELD OF TEST MOD MSG
007D	92	TEST_MOD_SUCC: STRING C,<successful>	: DISPOSITION FIELD OF TEST MOD MSG
0088	93	TEST_MOD_FAIL: STRING C,<failed>	: DISPOSITION FIELD OF TEST MOD MSG
008F	94	TEST_MOD_NAME_D: STRING I,<SATSSF15>	: TEST MODULE NAME DESCRIPTOR
00000000'00000000'	00A9	TTNAME: STRING I,<TT>	: TERMINAL LOGICAL NAME
00000000'	00B1	INADR: .LONG NOACCESS,NOACCESS	: PAGE ADDRESS OF NOACCESS PSECT
FFFFFF FFFFFFFF	00B5	PROT: .LONG PRTSC_NA	: PROTECTION CODE FOR NOACCESS PSECT
	00BD	ONES: .LONG -1,-1	: A QUADWORD OF 1-BITS
	00BD	ADDRES_DCH: .WORD 0	: ADDRES ARGUMENT FOR DCLCMH
0000	100		: ENTRY MASK FOR DCLCMH SERVICE
02	00BF	101 REI	: RETURN INSTRUCTION FOR DCLCMH SERV
000000C4	00C0	102 PRVHND_DCH21: .BLKL 1	: PRVHND ARGUMENT FOR DCLCMH
00000000	00C4	103 TYPE_DCH: .LONG 0	: TYPE ARGUMENT FOR DCLCMH SERVICE
00000003	00C8	104 ACMODE_ADS: .LONG PSL\$C_USER	: ACMODE ARGUMENT FOR ADJSTK
00000002	00CC	105 ACMODE_ADS10: .LONG PSL\$C_SUPER	: ACMODE ARGUMENT FOR ADJSTK
00000001	00D0	106 ACMODE_ADS11: .LONG PSL\$C_EXEC	: ACMODE ARGUMENT FOR ADJSTK
00000000	00D4	107 ACMODE_ADS12: .LONG PSL\$C_KERNEL	: ACMODE ARGUMENT FOR ADJSTK
00000000	00D8	108 ADJUST_ADS: .LONG 0	: ADJUST ARGUMENT FOR ADJSTK

00000000	110	.PSECT	RWDATA, RD, WRT, NOEXE	
00000004	0000	111 TPID:	.BLKL 1	: PROCESS ID FOR THIS PROCESS
00000008	0004	112 CURRENT_TC:	.BLKL 1	: PTR TO CURRENT TEST CASE
00000044	0008	113 REG_SAVE_AREA:	.BLKL 15	: SAVE AREA FOR ALL REGS (SANS PC)
007480D9	0044	114 MOD_MSG_CODE:	.LONG UETPS\$_SATSMS	: TEST MODULE MSG CODE FOR PUTMSG
0000004C	0048	115 CLOB_REG_NO:	.BLKL 1	: CLOBBERED REG NO (FOR FAO ERR MSG)
00000050	004C	116 REG_BEFORE_SS:	.BLKL 1	: REG CONTENTS BEFORE S.S.
	0050	117		: (FOR FAO ERROR MSG)
00000054	0050	118 REG_AFTER_SS:	.BLKL 1	: REG CONTENTS AFTER S.S.
	0054	119		: (FOR FAO ERROR MSG)
	0054	120 \$STSTN\$S:	STRING C,< SF >	: ASCII PORTION OF TEST CASE NAME
0000006E'	005C	121 TMN_ADDR:	.ADDRESS TEST_MOD_NAME	: ADDR OF TEST MOD NAME FOR FAO
00000077'	0060	122 TMD_ADDR:	.ADDRESS TEST_MOD_BEG	: ADDR OF T.M. DISP FIELD FOR FAO
00000068	0064	123 TS_EP:	.BLKL 1	: ENTRY PNT FOR CURR TESTSERV MACRO
00000070	0068	124 RETADR:	.BLKL 2	: RETURN LONGWORDS FOR SETPRT
00000071	0070	125 PRVPRT:	.BLKB 1	: PROT RETURN BYTE FOR SETPRT
00000079	0071	126 PRIVMASK:	.BLKQ 1	: ADDR OF PRIVILEGE MASK (IN PHD)
0000007D	0079	127 CHM_CONT:	.BLKL 1	: CHANGE MODE CONTINUE ADDRESS
00000091	007D	128 REGS:	.BLKL 5	: AREA FOR COND INDEX REGS (R2-R6)
00000095	0091	129 PRVHND_DCH:	.BLKL 1	: PRVHND ARGUMENT FOR DCLCMH SERVICE
	0095	130 DESBLK_CEH:		: DESBLK ARGUMENT FOR CANEXH
	0095	131 DESBLK_CEH10:		: DESBLK ARGUMENT FOR CANEXH
00000099	0095	132	.BLKL 1	: EXIT CONTROL BLOCK (LINK PTR)
000000A9'	0099	133	.ADDRESS 20\$: ADDRESS OF ROUTINE ENTRY MASK
00000001	009D	134	.LONG 1	: ARGUMENT COUNT
000000A5'	00A1	135	.ADDRESS 10\$: ADDR OF REASON CODE FIELD
000000A9	00A5	136 10\$:	.BLKL 1	: REASON CODE FIELD
0000	00A9	137 20\$:	.WORD 0	: EXIT HANDLER ENTRY MASK
04	00AB	138	RET	: EXIT HANDLER RETURN INSTR
00000000	00AC	139 NEWADR_ARGS:	.LONG 0	: NEWADR ARGUMENT FOR ADJSTK SERVICE

00000000 141 .PSECT SATS ACCVIO_1,RD,WRT,NOEXE,PAGE
00000200 0000 142 EMPTY: .BLKB 512 ; RESERVE A PAGE OF SPACE
0200
0200
0200 143 :
0200 144 +
0200 145 *****
0200 146 * THE ORDER OF STATEMENTS IN THIS PSECT IS CRITICAL.
0200 147 * DO NOT RE-ARRANGE THE VARIABLES. CONSULT SATS
0200 148 * FUNCTIONAL SPECIFICATION FOR A DESCRIPTION OF THE USE
0200 149 * OF THE EMPTY PSECT (AND ITS COMPANION PSECT, NOACCESS).
0200 150 *
0200 151 *
0200 152 *****
0200 153 -
0200 154 :
0200 155 TYPE AAAAA_SSSX1 (TYPE AAAAA_SSSX2 IF NOT DESC) GO HERE:
000001FF 0200 156 PRVHND_DCH22 = . - 1 ; PRVHND ARG FOR DCLCMH (LAST BYTE IN PAGE
000001F3 0200 157 . = . - 13 ; ALLOW ROOM FOR STRING DESCRIPTOR
01F3 : TYPE AAAAA_SSSX5 GO HERE:
00000006 01F3 158 .LONG 6 ; STRING LENGTH (WILL CROSS PSECT BOUNDARY)
000001FB' 01F7 159 .ADDRESS +4 ; STRING ADDRESS
01FB : TYPE AAAAA_SSSX3 GO HERE:
000001FC 01FB 160 .BLKB 1 ; LOW-ORDER BYTE OF STRING LENGTH
01FC : TYPE AAAAA_SSSX2 GO HERE:
00000200 01FC 161 .BLKL 1 ; STRING LENGTH
0200 162 :
0200 163 :
0200 164 :
0200 165 :
0200 166 :
0200 167 :
0200 168 :
00000000 169 .PSECT SATS ACCVIO_2,RD,WRT,NOEXE,PAGE
00000200 0000 170 NOACCESS: .BLKB 512 ; RESERVE A PAGE OF SPACE
00000000 0200 171 . = . - 512 ; RETURN LOC CTR TO BEGINNING OF PSECT
00000000' 0000 172 .ADDRESS EMPTY ; ADDRESS OF ACCESSIBLE STRING
00000000' 0004 173 .ADDRESS EMPTY/^X100 ; ADDRESS OF ACCESSIBLE STRING
0008 174 :+
0008 175 *** NOTE -- DO NOT CHANGE LOCATION OR SEQUENCE OF ABOVE STATEMENTS!
0008 176 *** THIS PSECT (NOACCESS) MUST APPEAR IN MEMORY IMMEDIATELY
0008 177 *** FOLLOWING THE EMPTY PSECT. PSECT NAMES AND OPTIONS WILL BE
0008 178 *** CHOSEN TO FORCE THE DESIRED PSECT ORDERING.
0008 179 :-
0008 180 :
0008 181 :
0008 182 :
0008 183 :
00000000 184 .PSECT SATSSF15,RD,WRT,EXE,LONG

0000 186 .SBTTL SATSSF15
0000 187 :++
0000 188 : FUNCTIONAL DESCRIPTION:
0000 189
0000 190 : AFTER PERFORMING SOME INITIAL HOUSEKEEPING, SUCH AS
0000 191 : PRINTING THE MODULE BEGIN MESSAGE AND ACQUIRING ALL PRIVILEGES,
0000 192 : THE SATSSF15 ROUTINE EXECUTES THE TEST SERV EXEC MACRO TO RUN
0000 193 : ALL TEST CASES. WHEN THE MACRO COMPLETES ITS EXECUTION, SATSSF15
0000 194 : PRINTS A TEST MODULE SUCCESS OR FAIL MESSAGE AND EXITS TO THE
0000 195 : OPERATING SYSTEM. TEST SERV EXEC CALLS THE TC CONTROL/TESTSERV
0000 196 : CO-ROUTINE PAIR ONCE PER TEST CASE GROUP TO EXECUTE ALL TEST
0000 197 : CASES IN THAT GROUP. EACH TEST CASE GROUP IS DEFINED BY BOUNDING
0000 198 : ITS TEST CASES WITH A TC GROUP MACRO BEFORE THE FIRST TEST CASE
0000 199 : AND A TCEND MACRO AFTER THE LAST ONE. THE TEST CASES THEMSELVES
0000 200 : ARE DEFINED WITHIN THESE BOUNDS BY PRECEDING EACH WITH A
0000 201 : NEXT TEST CASE MACRO. TC CONTROL/TESTSERV EXECUTES THE CODE
0000 202 : FOLLOWING EACH NEXT TEST-CASE MACRO IMMEDIATELY BEFORE ISSUING
0000 203 : THE SYSTEM SERVICE AS REQUESTED IN THE TESTSERV MACRO. TC CONTROL/
0000 204 : TESTSERV ALSO CHECKS THE RESULTS OF THE SERVICE WITH RESPECT
0000 205 : TO ITS EXPECTED STATUS CODE AND PRINTS ANY REQUIRED FAILURE
0000 206 : MESSAGES FOR THE TEST CASE. THE CODE APPEARING AFTER EACH
0000 207 : NEXT TEST CASE MACRO IS MERELY TO SET UP CONDITIONS REQUIRED
0000 208 : FOR THE SYSTEM SERVICE AND TO CLEAN UP ANY RESOURCES ACQUIRED
0000 209 : BY THE PREVIOUS TEST CASE.
0000 210
0000 211 : CALLING SEQUENCE:
0000 212
0000 213 : \$ RUN SATSSF15 ... (DCL COMMAND)
0000 214
0000 215 : INPUT PARAMETERS:
0000 216
0000 217 : NONE
0000 218
0000 219 : IMPLICIT INPUTS:
0000 220
0000 221
0000 222 : OUTPUT PARAMETERS:
0000 223
0000 224
0000 225 : NONE
0000 226
0000 227 : IMPLICIT OUTPUTS:
0000 228
0000 229 : MESSAGES TO SYSS\$OUTPUT ARE THE ONLY OUTPUT FROM SATSSF15.
0000 230 : THEY ARE OF THE FORM:
0000 231
0000 232 : %UETP-S-SATSMS, TEST MODULE SATSSF15 BEGUN ... (BEGIN MSG)
0000 233 : %UETP-S-SATSMS, TEST MODULE SATSSF15 SUCCESSFUL ... (END MSG)
0000 234 : %UETP-E-SATSMS, TEST MODULE SATSSF15 FAILED ... (END MSG)
0000 235 : %UETP-I-TEXT, ... (VARIABLE INFORMATION ABOUT A TEST MODULE FAILURE)
0000 236
0000 237 : COMPLETION CODES:
0000 238
0000 239 : THE SATSSF15 ROUTINE TERMINATES WITH A \$EXIT TO THE
0000 240 : OPERATING SYSTEM WITH A STATUS CODE DEFINED BY UETPS\$_SATSMS.
0000 241
0000 242 : SIDE EFFECTS:

0000 243 ;
0000 244 ; : NONE
0000 245 ;--
0000 246 ;--
0000 247 ;
0000 248 ;
0000 249 ;
OFFC 0000 250 SATSSF15:
0002 251 .WORD ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11>
0002 252 ; ENTRY MASK
0011 253 SWAKE S TPID ; GET PID OF THIS PROCESS
0018 254 \$HIBER S ; UNDO WAKE
0025 255 \$SETPRN_S TEST_MOD_NAME_D ; SET PROCESS NAME
DE 0028 256 BSBW MOD_MSG_PRINT ; PRINT TEST MODULE BEGIN MSG
0033 257 MOVAL TEST_MOD_SUCC,TMD_ADDR ; ASSUME END MSG WILL SHOW SUCCESS
003C 258 INSV #SUCCESS,#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR SUCCESS
0060 259 MODE TO,10\$,KRNL,NOREGS ; KERNEL MODE TO ACCESS PHD
0067 260 MOVL @#CTL\$GL PHD,R9 ; GET PROCESS HEADER ADDRESS
0068 261 MOVAL PHDSQ_PRIVMSK(R9),PRIVMASK ; GET PRIV MASK ADDRESS
0088 262 MODE FROM,TOS ; GET BACK TO USER MODE
0088 263 PRIV ADD,ALL ; GET ALL PRIVILEGES
DISPSERV 264 ; SET UP DISPLAY INFO FOR TESTSERV
021D 265 \$SETPRT_S INADR=INADR, RETADR=RETADR, -
021D 266 PROT=PROT, PRVPRT=PRVPRT ;
023E 267 ; SET NOACCESS PSECT
023E 268 ; : FOR NO USER ACCESS
0241 269 BRW EXECUTE ; GO EXECUTE ALL TEST CASES
0241 270 ;
0241 271 TC_GROUP DCH,1,TS1
0268 272 ;
0268 273 NEXT_TEST_CASE SFDCH20

0268 274 :
0268 275 ++
0268 276 *****
0268 277 *
0268 278 * TEST CASE NAME: SFDCH20
0268 279 *
0268 280 * SYSTEM SERVICE: DCLCMH
0268 281 *
0268 282 * ARGUMENT UNDER TEST: PRVHND_DCH20
0268 283 *
0268 284 * INPUT CONDITIONS:
0268 285 * PREVIOUS HANDLER ADDRESS BUFFER AT LOCATION 1.
0268 286 *
0268 287 * EXPECTED RESULTS:
0268 288 * 1) SYSTEM STATUS CODE: ACCVIO
0268 289 * 2) REGISTERS R2 THROUGH FP UNCHANGED
0268 290 *
0268 291 *****
0268 292 --
0268 293 :
0268 294 :
0268 295 : NEXT_TEST_CASE SFDCH21

0274 296 :
0274 297 ++
0274 298 *****
0274 299 * TEST CASE NAME: SFDCH21
0274 300 *
0274 301 * SYSTEM SERVICE: DCLCMH
0274 302 *
0274 303 * ARGUMENT UNDER TEST: PRVHND_DCH21
0274 304 *
0274 305 *
0274 306 * INPUT CONDITIONS:
0274 307 * PREVIOUS HANDLER ADDRESS BUFFER IN READ-ONLY PSECT.
0274 308 *
0274 309 * EXPECTED RESULTS:
0274 310 * 1) SYSTEM STATUS CODE: ACCVIO
0274 311 * 2) REGISTERS R2 THROUGH FP UNCHANGED
0274 312 *
0274 313 *****
0274 314 --
0274 315 :
0274 316 :
0274 317 : NEXT_TEST_CASE SFDCH22

0280 318 :
0280 319 ++
0280 320 *****
0280 321 * TEST CASE NAME: SFDCH22
0280 322 *
0280 323 * SYSTEM SERVICE: DCLCMH
0280 324 *
0280 325 * ARGUMENT UNDER TEST: PRVHND_DCH22
0280 326 *
0280 327 *
0280 328 * INPUT CONDITIONS:
0280 329 * PREVIOUS HANDLER ADDRESS BUFFER BEGINS IN ACCESSIBLE
0280 330 * PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0280 331 *
0280 332 * EXPECTED RESULTS:
0280 333 * 1) SYSTEM STATUS CODE: ACCVIO
0280 334 * 2) REGISTERS R2 THROUGH FP UNCHANGED
0280 335 *
0280 336 *
0280 337 --
0280 338
0280 339
0280 340 TCEND

SATSSF15
V04-000

B 15
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:43:20 VAX/VMS Macro V04-00
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(1)

0281 341 : TC_GROUP CEH,1,TS2
0281 342 :
02AB 343 :
02AB 344 : NEXT_TEST_CASE SFCEH10

02A8 345 :
02A8 346 ++
02A8 347 *****
02A8 348 *
02A8 349 * TEST CASE NAME: SFCEH10
02A8 350 *
02A8 351 * SYSTEM SERVICE: CANEXH
02A8 352 *
02A8 353 * ARGUMENT UNDER TEST: DESBLK_CEH10
02A8 354 *
02A8 355 * INPUT CONDITIONS:
02A8 356 * SPECIFIED EXIT HANDLER NEVER DECLARED
02A8 357 * WITH A \$DCLEXH SYSTEM SERVICE.
02A8 358 *
02A8 359 * EXPECTED RESULTS:
02A8 360 * 1) SYSTEM STATUS CODE: NOHANDLER
02A8 361 * 2) REGISTERS R2 THROUGH FP UNCHANGED
02A8 362 *
02A8 363 ******
02A8 364 --
02A8 365 :
02A8 366 :
02A8 367 : TCEND

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:43:20 VAX/VMS Macro V04-00
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(1)

02A9 368 : TC_GROUP ADS,1,TS3
02A9 369 :
02D0 370 :
02D0 371 : NEXT_TEST_CASE SFADS10

```
02D0 372 :  
02D0 373 ++  
02D0 374 *****  
02D0 375 *  
02D0 376 * TEST CASE NAME: SFADS10  
02D0 377 *  
02D0 378 * SYSTEM SERVICE: ADJSTK  
02D0 379 *  
02D0 380 * ARGUMENT UNDER TEST: ACMODE_ADS10  
02D0 381 *  
02D0 382 * INPUT CONDITIONS:  
02D0 383 * ATTEMPT TO ADJUST SUPERVISOR STACK  
02D0 384 *  
02D0 385 * EXPECTED RESULTS:  
02D0 386 * 1) SYSTEM STATUS CODE: NOPRIV  
02D0 387 * 2) REGISTERS R2 THROUGH FP UNCHANGED  
02D0 388 *  
02D0 389 *****  
02D0 390 --  
02D0 391 .  
02D0 392 .  
02D0 393 .  
          NEXT_TEST_CASE SFADS11
```

02DC 394
02DC 395 ++
02DC 396 *****
02DC 397 *
02DC 398 * TEST CASE NAME: SFADS11
02DC 399 *
02DC 400 * SYSTEM SERVICE: ADJSTK
02DC 401 *
02DC 402 * ARGUMENT UNDER TEST: ACMODE_ADS11
02DC 403 *
02DC 404 * INPUT CONDITIONS:
02DC 405 * ATTEMPT TO ADJUST EXECUTIVE STACK.
02DC 406 *
02DC 407 * EXPECTED RESULTS:
02DC 408 * 1) SYSTEM STATUS CODE: NOPRIV
02DC 409 * 2) REGISTERS R2 THROUGH FP UNCHANGED
02DC 410 *
02DC 411 *****
02DC 412 --
02DC 413
02DC 414 ..
02DC 415 NEXT_TEST_CASE SFADS12

02E8 416 :
02E8 417 ++
02E8 418 *****
02E8 419 *
02E8 420 * TEST CASE NAME: SFADS12
02E8 421 *
02E8 422 * SYSTEM SERVICE: ADJSTK
02E8 423 *
02E8 424 * ARGUMENT UNDER TEST: ACMODE_ADS12
02E8 425 *
02E8 426 * INPUT CONDITIONS:
02E8 427 * ATTEMPT TO ADJUST KERNEL STACK.
02E8 428 *
02E8 429 * EXPECTED RESULTS:
02E8 430 * 1) SYSTEM STATUS CODE: NOPRIV
02E8 431 * 2) REGISTERS R2 THROUGH FP UNCHANGED
02E8 432 *
02E8 433 *****
02E8 434 --
02E8 435 ..
02E8 436 ..
02E8 437 ..

TCEND

02E9 438 TS1:
02E9 439 TESTSERV DCLCMH,ERR,SATS,
02E9 440
02E9 441 <1,ADDRES_DCH,
02E9 442 >,
02E9 443
02E9 444 <1,PRVHND_DCH,
02E9 445 PRVHND_DCH20,ACCVIO, - ; SFDCH20
02E9 446 PRVHND_DCH21,ACCVIO, - ; SFDCH21
02E9 447 PRVHND_DCH22,ACCVIO, - ; SFDCH22
02E9 448 >,
02E9 449
02E9 450 <1,TYPE_DCH,
02E9 451 >,
02E9 452
04D3 453 TS_CLEANUP ; CLEAN UP & RETURN TO TEST_SERV_EXEC

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V04-000

I 15
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:43:20 VAX/VMS Macro V04-00
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(1)

04F3 454 TS2:
04F3 455 TESTSERV CANEXH,ERR,SATS,
04F3 456
04F3 457 <1,DELBLK_CEH,
04F3 458 DESBLK_CEH10,NOHANDLER, - ; SFCEH10
04F3 459 >;
04F3 460
05B6 461 TS_CLEANUP ; CLEAN UP & RETURN TO TEST_SERV_EXEC

J 15
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:43:20 VAX/VMS Macro V04-00
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(1)

05D6 462 TS3:
05D6 463 TESTSERV ADJSTK,ERR,SATS,
05D6 464
05D6 465 <1,ACMODE_ADS,
05D6 466 ACMODE_ADS10,NOPRIV, - ; SFADS10
05D6 467 ACMODE_ADS11,NOPRIV, - ; SFADS11
05D6 468 ACMODE_ADS12,NOPRIV, - ; SFADS12
05D6 469 >
05D6 470
05D6 471 <1,ADJUST_ADS,
05D6 472 >
05D6 473
05D6 474 <1,NEWADR_ADS,
05D6 475 >
05D6 476
07C3 477 TS_CLEANUP : CLEAN UP & RETURN TO TEST_SERV_EXEC

SATSSF15
V04-000

K 15
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:43:20 VAX/VMS Macro V04-00
EXECUTE & CLEANUP 5-SEP-1984 04:29:21 [UETPSY.SRC]SATSSF15.MAR;1 Page 20
(1)

00000044'EF 01 1C 0138 30 0801 482 BSBW MOD MSG PRINT : PRINT TEST MODULE END MSG
01 01 F0 0804 483 INSV #1, #STSSV_INHIB_MSG, #1, MOD MSG CODE
080D 484 : INHIBIT PRINTING
080D 485 \$EXIT_S MOD_MSG_CODE : EXIT TO OP SYS WITH MSG CODE

081A 487 .SBTTL TC_CONTROL
081A 488 ++
081A 489 : FUNCTIONAL DESCRIPTION:
081A 490 :
081A 491 : THE TC CONTROL SUBROUTINE IS CALLED BY THE TEST-SERV-EXEC
081A 492 : MACRO TO EXECUTE A GROUP OF TEST CASES. A GROUP IS DEFINED BY A TC-GROUP
081A 493 : MACRO. FOR EACH TC GROUP MACRO, THERE IS A CORRESPONDING TESTSERV MACRO.
081A 494 : TESTSERV CONTAINS CODE TO EXECUTE SYSTEM SERVICES AND CHECK THE RETURNED
081A 495 : STATUS CODE VALUES. TESTSERV ARGUMENTS ARE CODED TO SPECIFY ALL THE SYSTEM
081A 496 : SERVICE ARGUMENT VALUES AND THE EXPECTED STATUS CODE FOR EACH TEST CASE
081A 497 : DEFINED BY A NEXT TEST CASE MACRO WITHIN THE GROUP. TC CONTROL USES A
081A 498 : CO-ROUTINE INTERFACE TO ENTER THE CODE OF THE APPROPRIATE TESTSERV MACRO
081A 499 : IN VARIOUS PLACES. THE FIRST ENTRY OCCURS ONCE PER GROUP TO ALLOW TESTSERV
081A 500 : TO DO SOME INITIALIZATION. THEN TWO ENTRIES ARE MADE FOR EACH TEST CASE IN
081A 501 : THE GROUP. THE FIRST ALLOWS TESTSERV TO ISSUE THE SUBJECT SYSTEM SERVICE.
081A 502 : THE SECOND ENTRY FOR THE TEST CASE CAUSES TESTSERV TO CHECK THE RETURNED
081A 503 : STATUS CODE, PRINTING A FAILURE MESSAGE IF IT IS NOT THE EXPECTED CODE.
081A 504 : IF THERE ARE NO MORE TEST CASES IN THE CURRENT GROUP, TESTSERV (NOT TC CONTROL)
081A 505 : RETURNS DIRECTLY TO TEST SERV EXEC (RSB ACTUALLY ISSUED IN TS_CLEANUP MACRO)
081A 506 : FROM THIS SECOND ENTRY; OTHERWISE, CONTROL RETURNS TO TC CONTROL WHICH
081A 507 : IN TURN ENTERS TESTSERV AGAIN FOR THE NEXT TEST CASE. THE FAILURE OF A
081A 508 : TEST CASE DOES NOT CAUSE TERMINATION OF THE TEST MODULE.
081A 509 :
081A 510 : CALLING SEQUENCE:
081A 511 :
081A 512 : BSBW TC_CONTROL (ISSUED WITHIN THE TEST SERV EXEC MACRO)
081A 513 : (RSB IS ISSUED WITHIN THE TS_CLEANUP MACRO)
081A 514 :
081A 515 : INPUT PARAMETERS:
081A 516 :
081A 517 : NONE
081A 518 :
081A 519 : IMPLICIT INPUTS:
081A 520 :
081A 521 : ARGUMENTS SPECIFIED ON EACH TESTSERV MACRO MAY BE VIEWED AS
081A 522 : INPUTS, SINCE TC_CONTROL AND TESTSERV ACT AS CO-ROUTINES.
081A 523 :
081A 524 : OUTPUT PARAMETERS:
081A 525 :
081A 526 : SEVERITY CODE FIELD OF MOD MSG CODE (BITS 0,1,2) IS SET TO ERROR
081A 527 : IF ANY TEST CASE IN THE CURRENT GROUP FAILS; OTHERWISE IT REMAINS
081A 528 : SET TO SUCCESSFUL.
081A 529 :
081A 530 : IMPLICIT OUTPUTS:
081A 531 :
081A 532 : %UETP-I-TEXT, ERROR MESSAGES ARE WRITTEN TO SY\$OUTPUT BY
081A 533 : THE TESTSERV MACRO (CO-ROUTINE WITH TC_CONTROL)
081A 534 :
081A 535 : COMPLETION CODES:
081A 536 :
081A 537 : NONE
081A 538 :
081A 539 : SIDE EFFECTS:
081A 540 :
081A 541 : NONE
081A 542 :
081A 543 :--

		081A	544				
		081A	545				
		081A	546				
		081A	547	TC_CONTROL:			
00000064'EF	DD	081A	548	PUSHL	TS EP		
9E	16	0820	549	JSB	$\text{@}(\text{SP})+$		
00000056'EF	20	90	0822	550	10\$:		
002F	30	0829	551	MOVB	$\#^A/ /, \$\$TSTNSS+2$		
00000004'FF	16	082C	552	BSBW	REG SAVE		
0037	30	0832	553	JSB	@CURRENT_TC		
9E	16	0835	554	BSBW	REG REST		
0042	30	0837	555	JSB	$\text{@}(\text{SP})+$		
		083A	556	BSBW	REG_COMP		
00000056'EF	9E	16	083A	557			
2A	91	083C	558	JSB	$\text{@}(\text{SP})+$		
00000060'EF	DE	0845	559	CMPB	$\#^A/*/, \$\$TSTNSS+2$		
00000044'EF	03 00	02	F0	560	BNEQU	10\$	
		C7	11	0850	MOVAL	TEST_MOD_FAIL,TMD_ADDR	
				561	INSV	#ERROR,#0,#3,MOD_MSG_CODE	
				562	BRB	10\$; ADJUST STATUS CODE FOR ERROR
				563			; LOOP BAK TO PROCESS NEXT TEST CASE
				564			
				565			
				566			
							TC_CONTROL RETURNS TO TEST_SERV_EXEC VIA TESTSERV (IN TS_CLEANUP MACRO)

085B 568 SBttl SUBROUTINES
085B 569 REG_SAVE:
085B 570 :
085B 571 : *****
085B 572 : *
085B 573 : * SAVES R0 THRU SP IN REG_SAVE_AREA
085B 574 : *
085B 575 : *****
085B 576 :
00000008'EF 7FFF 8F BB 085B 577 PUSHR #R0_THRU_SP : SAVE ALL REGS ON STACK
6E 3C 28 085F 578 MOVC3 #60,(SP),REG_SAVE_AREA : SAVE REGS (BEFORE S.S.)
7FFF 8F BA 0867 579 POPR #R0_THRU_SP : CLEAN UP STACK
05 086B 580 RSB : AND RETURN
086C 581 :
086C 582 :
086C 583 :
086C 584 :
086C 585 REG_REST:
086C 586 :
086C 587 :
086C 588 : *****
086C 589 : *
086C 590 : * RESTORES R0 THRU SP FROM REG_SAVE_AREA
086C 591 : *
086C 592 : *****
086C 593 :
6E 00000008'EF 5E 3C C2 086C 594 SUBL2 #60,SP : MOVE SP TO MAKE ROOM FOR REGS
3C 28 086F 595 MOVC3 #60,REG_SAVE_AREA,(SP) : MOVE REGS ONTO STACK FOR POP
7FFF 8F BA 0877 596 POPR #R0_THRU_SP : RESTORE ALL REGS FOR TESTSERV
05 087B 597 RSB : ... AND RETURN

		087C	599	REG_COMP:		
		087C	600	:		
		087C	601	*****	*****	
		087C	602	*	*	
		087C	603	* 1) PUSHES ALL REGS ONTO STACK	*	
		087C	604	* 2) COMPARES REGISTER IMAGES FROM STACK WITH CORRESPONDING	*	
		087C	605	* IMAGES FROM REG_SAVE_AREA FOR ALL REGISTERS SPECIFIED	*	
		087C	606	* IN REG_COMP MASK.	*	
		087C	607	* 3) FOR EACH UNEQUAL COMPARE, AN ERROR MESSAGE IS PRINTED	*	
		087C	608	* (USING \$FAO AND \$OUTPUT SYSTEM SERVICES).	*	
		087C	609	* 4) POPS ALL REGS OFF OF STACK	*	
		087C	610	*	*	
		087C	611	*****	*****	
		087C	612	:		
56	7FFF 8F	BB	087C	613	PUSHR #R0_THRU_SP	: SAVE ALL REGISTERS ON STACK
	00000008'EF	DE	0880	614	MOVAL REG_SAVE_AREA,R6	: POINT R6 TO BEG OF
	54 5E	D0	0887	615	MOVL SP,R4	: REGS (BEFORE S.S.)
			088A	616	MOVL SP,R4	: POINT R4 TO BEG OF
	53 FF 8F	98	088A	617	MOVL SP,R4	: REGS (AFTER S.S.)
			088E	618	CVTBL #-1,R3	: INITIALIZE REG_COMP_MASK INDEX
	53 53	D6	088E	619	REG_COMP_NEXT: INCL R3	: POINT TO NEXT BIT IN MASK
	OF 91	D0	0890	620	CMPB #15,R3	: END OF THE MASK ?
	03 1A	D0	0893	621	BGTRU REG_COMP_CONT	: NO -- CONTINUE
	009F 31	D0	0895	622	BRW REG_COMP_RSB	: YES -- GO TO COMMON RETURN
	84 86	D1	0898	623	REG_COMP_CONT: CMPL (R6)+,(R4)+	: REG BEFORE = REG AFTER ?
	F1 13	D1	0898	624	BEQLU REG_COMP_NEXT	: YES -- LOOK FOR NEXT REG
E9	00000000'EF	53	E1	089D	BBC R3,REG_COMP_MASK,REG_COMP_NEXT	: NO -- GET NEXT IF BIT NOT SET
	00000048'EF	53	D0	08A5	MOVL R3,CLOB_REG_NO	: NO -- GIVE REG NUMBER TO FAO
	0000004C'EF	FC	A6	08AC	MOVL -4(R6),REG_BEFORE_SS	: GIVE "BEFORE" CONTENTS TO FAO
	00000050'EF	FC	A4	08B4	MOVL -4(R4),REG_AFTER_SS	: GIVE "AFTER" CONTENTS TO FAO
	00000056'EF	2A	90	08BC	MOVB #^A/*,\$\$TN\$\$+2	: GIVE FAILURE INDIC'N IN ERROR MSG
			08C3	625	:	
			08C3	626	\$FAO_S ERR_MSG FAOCTL,OUTL,OUTD,\$\$NAD\$, -	
			08C3	627	\$\$SEQ\$\$,\$\$PSEQ\$\$,CLOB_REG_NO,REG_BEFORE_SS,REG_AFTER_SS	
			08F6	628	:	
	F817 CF	F7E1 CF	B0	08F6	MOVW OUTL,OUTD	: ACTUAL OUTPUT LEN IN STRING DESC'R
	F7FB CF	0084 8F	B0	08FD	PUTMSG <#UETPS TEXT,#1,#OUTD>	: PRINT THE MSG
	00000056'EF	20	90	0912	MOVW #OUTE-OUTB,OUTD	: GET MAX LEN BACK INTO DESCRIPTOR
	00000060'EF	00000088'EF	DE	0919	MOVB #^A/*,\$\$TN\$\$+2	: REMOVE FAIL INDIC'N FOR NEXT MSG
	00000044'EF	03 00 02	F0	0920	MOVAL TEST_MOD_FAIL,TMD_ADDR	: INDICATE FAILED IN END MSG
	FF57	31	092B	641	INSV #ERROR,#0,#3,MOD_MSG_CODE	: ADJUST STATUS CODE FOR ERROR
			0934	642	BRW REG_COMP_NEXT	: GO LOOK FOR NEXT REG TO COMPARE
	7FFF 8F	BA	0937	643	REG_COMP_RSB:	
		05	093B	644	POPR #R0_THRU_SP	: CLEAN UP STACK
				645	RSB	: RETURN TO CALLER

```
093C 648 MOD_MSG_PRINT:  
093C 649 :  
093C 650 : *****  
093C 651 : *  
093C 652 : * PRINTS THE TEST MODULE BEGUN/SUCCESSFUL/FAILED MESSAGES  
093C 653 : * (USING THE PUTMSG MACRO).  
093C 654 : *  
093C 655 : *****
```

```
093C 657 :  
093C 658 : PUTMSG <MOD_MSG_CODE,#2,TMN_ADDR,TMD_ADDR>; PRINT MSG  
05 0957 659 RSB ; ... AND RETURN TO CALLER  
0958 660 :  
0958 661 CHMRTN:  
0958 662 : *****  
0958 663 : *  
0958 664 : * CHANGE MODE ROUTINE. THIS ROUTINE GETS CONTROL WHENEVER  
0958 665 : * A CMKRNL, CMEXEC, OR CMSUP SYSTEM SERVICE IS ISSUED  
0958 666 : * BY THE MODE MACRO ('TU' OPTION). IT MERELY DOES  
0958 667 : * A JUMP INDIRECT ON A FIELD SET UP BY MODE. IT HAS  
0958 668 : * THE EFFECT OF RETURNING TO THE END OF THE MODE  
0958 669 : * MACRO EXPANSION.  
0958 670 : *  
0958 671 : *****  
0958 672 :  
00000079'FF 0000 0958 673 : WORD 0 ; ENTRY MASK  
17 095A 674 : JMP @CHM_CONT ; RETURN TO MODE MACRO IN NEW MODE  
0960 675 :  
0960 676 : * RET INSTR WILL BE ISSUED IN EXPANSION OF 'MODE FROM, ....' MACRO  
0960 677 :  
0960 678 : .END SATSSF15
```

\$\$\$CHARS	=	00000048		PRVHND_DCH20	=	00000001	
\$\$\$_FIRSTTC\$\$\$	=	00000000		PRVHND_DCH21	=	000000C0	R 02
\$\$\$_STRINGS	=	00000000		PRVHND_DCH22	=	000001FF	R 04
\$\$\$_ACT\$\$	=	000000F3	R 06	PRVPRT	=	00000070	R 03
\$\$\$_ARG\$\$	=	000000FB	R 06	PSL\$C_EXEC	=	00000001	
\$\$\$_SEQ\$\$	=	000000EB	R 06	PSL\$C_KERNEL	=	00000000	
\$\$\$_CALL\$\$	=	000000DF	R 06	PSL\$C_SUPER	=	00000002	
\$\$\$_DISP\$\$	=	000001E6	R 06	PSL\$C_USER	=	00000003	
\$\$\$_ERR\$\$	=	000001A0	R 06	RO_THRU_SP	=	00007FFF	
\$\$\$_EXP\$\$	=	000000F7	R 06	REGS	=	0000007D	R 03
\$\$\$_INIT\$\$	=	000000E3	R 06	REG_AFTER_SS	=	00000050	R 03
\$\$\$_MAXP\$\$	=	00000005		REG_BEFORE_SS	=	0000004C	R 03
\$\$\$_PSEQ\$\$	=	000000EF	R 06	REG_COMP	=	0000087C	R 06
\$\$\$_NAD\$\$	=	000000E7	R 06	REG_COMP_CONT	=	00000898	R 06
\$\$\$_T1	=	00000004		REG_COMP_MASK	=	00000000	R 02
\$\$\$_T2	=	00000009		REG_COMP_NEXT	=	0000088E	R 06
\$\$\$_STN\$\$	=	00000054	R 03	REG_COMP_RSB	=	00000937	R 06
ACMODE_ADS	=	000000C8	R 02	REG_REST	=	0000086C	R 06
ACMODE_ADS10	=	000000CC	R 02	REG_SAVE	=	0000085B	R 06
ACMODE_ADS11	=	000000D0	R 02	REG_SAVE_AREA	=	00000008	R 03
ACMODE_ADS12	=	000000D4	R 02	RETADR	=	00000068	R 03
ADDRES_DCH	=	000000BD	R 02	SATSSF15	=	00000000	R 06
ADJUST_ADS	=	000000D8	R 02	SEVERE	=	00000004	
CHMRTN	=	00000958	R 06	SHR\$K SHRDEF	=	00000001	
CHM_CONT	=	00000079	R 03	SHRS_TEXT	=	00001130	
CLEANUP	=	00000801	R 06	SSS_ACCVIO	*****	X 06	
CLOB_REG_NO	=	00000048	R 03	SSS_NOHANDLER	*****	X 06	
CTL\$GL_PHD	*****	X	06	SSS_NOPRIV	*****	X 06	
CURRENT_TC	=	00000004	R 03	STS\$V_INHIB_MSG	=	0000001C	
DESBLK_CEH	=	00000095	R 03	SUCCESS	=	00000001	
DESBLK_CEH10	=	00000095	R 03	SYSSADJSTK	*****	GX 06	
EMPTY	=	00000000	R 04	SYSSCANEXH	*****	GX 06	
ERROR	=	00000002	R 02	SYSSCMKRLN	*****	GX 06	
ERR_MSG_FAOCTL	=	00000002	R 02	SYSSDCLCMH	*****	GX 06	
EXECUTE	=	000007E3	R 06	SYSSEXIT	*****	GX 06	
GRP_TOTAL	=	00000003		SYSSFAO	*****	X 06	
INADR	=	000000A9	R 02	SYSSFAOL	*****	GX 06	
INFO	=	00000003		SYSSHIBER	*****	GX 06	
LIB\$SIGNAL	*****	X	06	SYSSSETPRN	*****	GX 06	
MEXIT	=	00000000		SYSSSETPRT	*****	GX 06	
MOD_MSG_CODE	=	00000044	R 03	SYSSSETPRV	*****	GX 06	
MOD_MSG_PRINT	=	0000093C	R 06	SYSSWAKE	*****	GX 06	
NARGS	=	0000000E		TC1	=	00000241	R 06
NEWADR_ADS	=	000000AC	R 03	TC2	=	00000281	R 06
NOACCESS	=	00000000	R 05	TC3	=	000002A9	R 06
NSSARGS	=	00000003		TCG_NO	=	00000003	
ONES	=	000000B5	R 02	TC_CONTROL	=	0000081A	R 06
OUTB	=	0000011C	R 06	TEST_MOD_BEG	=	00000077	R 02
OUTD	=	00000114	R 06	TEST_MOD_FAIL	=	00000088	R 02
OUTE	=	000001A0	R 06	TEST_MOD_NAME	=	0000006E	R 02
OUTL	=	000000DB	R 06	TEST_MOD_NAME_D	=	0000008F	R 02
PHD\$Q_PRIVMSK	=	00000000		TEST_MOD_SUCC	=	0000007D	R 02
PRIVMASK	=	00000071	R 03	TMD_ADDR	=	00000060	R 03
PRIV_ARGS	=	00000002		TMN_ADDR	=	0000005C	R 03
PROT	=	000000B1	R 02	TPID	=	00000000	R 03
PRTSC_NA	*****	X	02	TS1	=	000002E9	R 06
PRVHND_DCH	=	00000091	R 03	TS2	=	000004F3	R 06

SATSSF15
Symbol table

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:43:20 VAX/VMS Macro V04-00 Page 28
F 16
5-SEP-1984 04:29:21 [UETPSY.SRC]SATSSF15.MAR;1 (2)

TS3
TS EP
TTNAME
TYPE DCH
UETPS SATSMS
UETPS-TEXT
WARNING

000005D6	R	06
00000064	R	03
0000009F	R	02
000000C4	R	02
= 007480D9		
= 00741133		
= 00000000		

+-----+
! Psect synopsis !
+-----+

PSECT name

Allocation	PSECT No.	Attributes
00000000	(0.)	00 (0.) NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
00000000	(0.)	01 (1.) NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
000000DC	(220.)	02 (2.) NOPIC USR CON REL LCL NOSHR NOEXE RD NOWRT NOVEC LONG
000000B0	(176.)	03 (3.) NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC BYTE
00000200	(512.)	04 (4.) NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC PAGE
00000200	(512.)	05 (5.) NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC PAGE
00000960	(2400.)	06 (6.) NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC LONG

Performance indicators

Phase

Page faults	CPU Time	Elapsed Time
31	00:00:00.07	00:00:00.29
107	00:00:00.71	00:00:02.84
358	00:00:13.33	00:00:22.59
0	00:00:01.08	00:00:01.15
142	00:00:03.02	00:00:03.87
16	00:00:00.12	00:00:00.12
2	00:00:00.03	00:00:00.03
0	00:00:00.00	00:00:00.00
658	00:00:18.37	00:00:30.92

The working set limit was 1650 pages.

68551 bytes (134 pages) of virtual memory were used to buffer the intermediate code

There were 40 pages of symbol table space allocated to hold 637 non-local and 88 local symbols.

678 source lines were read in Pass 1, producing 27 object records in Pass 2.

64 pages of virtual memory were used to define 48 macros.

! Macro library statistics !

Macro library name

Macros defined

- \$255\$DUA28:[SHRLIB]UETP.MLB;1
- \$255\$DUA28:[SYS.OBJ]LIB.MLB;1
- \$255\$DUA28:[SYSLIB]STARLET.MLB;2
TOTALS (all libraries)

19
2
21
42

1273 GETS were required to define 42 macros.

SATSSF15
VAX-11 Macro Run Statistics

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:43:20 VAX/VMS Macro V04-00
G 16
5-SEP-1984 04:29:21 [UETPSY.SRC]SATSSF15.MAR;1 Page 29
(2)

There were no errors, warnings or information messages.

MACRO/LIS=LI\$:\$SATSSF15/OBJ=OBJ\$:\$SATSSF15 MSRC\$:\$SATSSF15/UPDATE=(ENH\$:\$SATSSF15)+EXECML\$:/LIB+SHRLIB\$:\$UETP/LIB

0420 AH-BT13A-SE
VAX/VMS V4.0

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